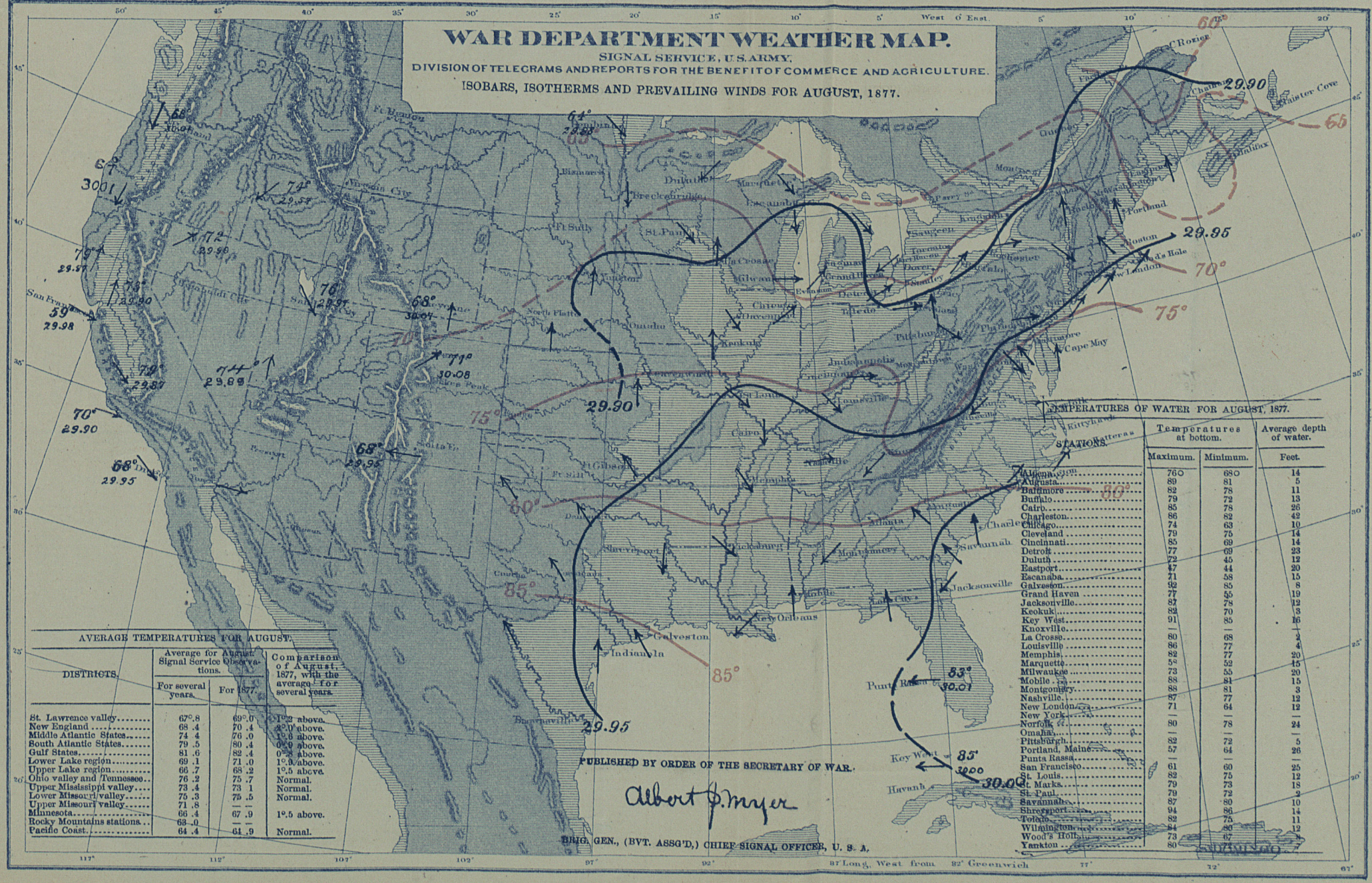
No. II.

WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR AUGUST, 1877.



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Albert J. Myer

BRIG. GEN., (BVT. ASSG'D,) CHIEF SIGNAL OFFICER, U. S. A.

AVERAGE TEMPERATURES FOR AUGUST.

DISTRICTS.	Average for August. Signal Service Observations. For several years.	For 1877.	Comparison of August, 1877, with the average for several years.
St. Lawrence valley	67°.8	69°.0	1°.2 above.
New England	68 .4	70 .4	2°.0 above.
Middle Atlantic States	74 .4	76 .0	1°.6 above.
South Atlantic States	79 .5	80 .4	0°.9 above.
Gulf States	81 .6	82 .4	0°.8 above.
Lower Lake region	69 .1	71 .0	1°.9 above.
Upper Lake region	66 .7	68 .2	1°.5 above.
Ohio valley and Tennessee	76 .2	75 .7	Normal.
Upper Mississippi valley	73 .4	73 .1	Normal.
Lower Missouri valley	75 .3	75 .5	Normal.
Upper Missouri valley	71 .8	— —	— —
Minnesota	66 .4	67 .9	1°.5 above.
Rocky Mountains stations	63 .0	— —	— —
Pacific Coast	64 .4	64 .9	Normal.

TEMPERATURES OF WATER FOR AUGUST, 1877.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	76O	68O	14
Augusta	89	81	5
Baltimore	82	78	11
Buffalo	79	72	13
Cairo	85	78	26
Charleston	86	82	42
Chicago	74	63	10
Cleveland	79	75	14
Cincinnati	85	69	14
Detroit	77	69	23
Duluth	72	45	12
Eastport	47	44	20
Escanaba	71	58	15
Galveston	92	85	8
Grand Haven	77	55	19
Jacksonville	87	78	12
Keokuk	82	70	8
Key West	91	85	16
Knoxville	—	—	—
La Crosse	80	68	2
Louisville	86	77	4
Memphis	82	77	20
Marquette	58	52	45
Milwaukee	73	55	20
Mobile	88	81	15
Montgomery	88	81	3
Nashville	87	77	12
New London	71	64	12
New York	—	—	—
Norfolk	80	78	24
Omaha	—	—	—
Pittsburgh	82	72	5
Portland, Maine	57	64	26
Punta Rassa	—	—	—
San Francisco	61	60	25
St. Louis	82	75	12
St. Marks	79	73	18
St. Paul	79	72	2
Savannah	87	80	10
Shreveport	94	86	14
Toledo	82	75	11
Wilmington	94	80	12
Wood's Holl	73	67	—
Yankton	80	—	—